



Country Report of China

China Atomic Energy Authority (CAEA)

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1. Actively promote nuclear energy development in a highly efficient manner with strong confidence

- * The State Council executive meeting put forward a plan calling for major efforts in clean energy development and construction of a series of coastal nuclear power projects.
- * At present, a total of 22 units are in operation in mainland China, with a total installed capacity of 20.10 GW. And another 26 units are under construction, with a total installed capacity of 28.45 GW.
- * Nuclear technologies application in China is also expanding with accelerated pace of industrialization.

2. Strive to ensure sound development of nuclear energy by the principle of Safety First

- * At present, China has set up a fairly complete nuclear safety regulatory system and an emergency management system compatible with international practice.
- * The main building structures of the China-US Center of Excellence on Nuclear Security complex have been completed and are expected to put into use in the end of 2015.

3. Accelerate the achievement of sustainable nuclear energy development driven by innovation

- * The "Hualong one" nuclear power reactor technology with independent IPR and compatible with third generation nuclear power safety and technical-economic criteria, will be put into construction.
- * The China Experimental Fast Reactor is in smooth operation since connection to grid in July, 2011.
- * The HTGR Demonstration Project is moving ahead steadily since its start of construction in 2012.

4. Jointly contribute to the common development of nuclear energy to achieve win-win situation.

- * China has always adhered to the principle of mutual benefits and reciprocity and made continuous efforts to expand and deepen bilateral and multilateral cooperation in the nuclear energy field.
- * China are also willing to share the experiences with other countries dedicated to peaceful uses of nuclear energy and to strengthen cooperation in fields.
- * China will continue to be the active supporter of FNCA.



Thanks for your attention!